

In the Claims:

Please cancel claims 11-17 and 26-30. Please amend claims 1-2, 4-10, and 18-25.

Please add new claims 31-38. The claims are as follows:

1. (Currently amended) A method of creating a hyperlink geographic link from an electronic document to a physical document for locating, on the physical document, an item referenced in the electronic document, comprising the steps of:

defining the referenced item in the electronic document, said electronic document not being derived from the physical document;

determining absolute geographic coordinates of the referenced item;

defining the hyperlink geographic link to the physical document; and

encoding the absolute geographic coordinates in the hyperlink geographic link.

2. (Currently amended) The method of claim 1, wherein the step of encoding further includes the step of encoding an address of a second electronic document in the hyperlink geographic link.

3. (Original) The method of claim 2, wherein the address of the second electronic document is a Uniform Resource Locator address of a web server hosting the second electronic document.

4. (Currently amended) The method of claim 1, further including the step of storing the absolute geographic coordinates in a table.

5. (Currently amended) The method of claim 1, further including the step[[s]] of:

~~aligning an opto-touch foil on the physical document; and~~

computing foil coordinates ~~on an~~ the opto-touch foil from the ~~absolute~~ geographic coordinates of the referenced item and a calibration relationship, said opto-touch foil being aligned on the physical document, said calibration relationship being between geographic coordinates of a selected calibration location and calibration foil coordinates of the selected calibration location on the opto-touch foil, said selected calibration point having been selected from the electronic document and said opto-touch foil having been selectively touched or pressed at a position corresponding to where the calibration location appears in the physical document.

6. (Currently amended) The method of claim 5, further including the step of storing the foil coordinates and the geographic coordinates in a table.

7. (Currently amended) The method of claim 1, wherein[[:]]

~~the referenced item is related to a geographic location; the absolute coordinates include geographic coordinates; and~~

the physical document includes a map.

8. (Currently amended) The method of claim 1, wherein:

the electronic document is a hyper text markup language document; and

the hyperlink geographic link uses syntactic conventions of hyper text markup language.

9. (Currently amended) The method of claim [[1]] 5, wherein the ~~step of encoding~~ includes the

steps of:

~~computing geographic coordinates associated with the referenced item; and~~
~~including the geographic coordinates in the hyperlink~~ opto-foil comprises a touch foil and
a transparent light emitting foil such that the touch foil is adapted to being directly touched or
pressed and the light emitting foil is disposed between the touch foil and the physical document.

10. (Currently amended) The method of claim [[9]] 1, wherein the geographic coordinates include longitude and latitude.

11-17. (Canceled)

18. (Currently amended) A method of locating items appearing on a physical document an item referenced in an electronic document, using an opto-touch foil, comprising the steps of:

~~aligning an opto-touch foil on the physical document;~~
~~identifying the referenced item in the electronic document;~~
~~identifying the physical document;~~
~~determining absolute coordinates of the referenced item; and~~
~~computing, from the absolute coordinates, foil coordinates on the opto-touch foil~~
~~corresponding to a position on the physical document~~
calibrating an opto-touch foil that is aligned on the physical document, said calibrating
comprising processing a calibration location comprised by a plurality of locations appearing in
the physical document and being referred to in an electronic document, said electronic document

09/892,399

4

not being derived from the physical document, each location of the plurality of locations having geographical coordinates, said processing generating a calibration relationship between the geographic coordinates of the calibration location and calibration foil coordinates of the opto-touch foil, said calibration foil coordinates corresponding to where the calibration location appears in the physical document; and

for each location of the plurality of locations, computing foil coordinates of the opto-touch foil corresponding to where each location appears in the physical document, said computing utilizing the geographic coordinates of each location and the calibration relationship.

19. (Currently amended) The method of claim 18, further including the steps of:

~~storing the absolute coordinates in a table; and~~

storing the foil coordinates in the table for each location of the plurality of locations: an identifier of each location, the geographic coordinates of each location, and the foil coordinate of each location.

20. (Currently amended) The method of claim 18, further including the step of sending the ~~computed~~ foil coordinates to the opto-touch foil ~~that optically highlights a~~ to cause illumination of positions upon the opto-touch foil responsive to the foil coordinates corresponding to where each location of the plurality of locations appears in the physical document.

21. (Currently amended) The method of claim 18, further including the steps of:

~~determining calibration foil coordinates of a point pressed on the opto-touch foil, which~~

point corresponds to the referenced item; and

calibrating the opto-touch foil using the calibration foil coordinates

responsive to a first location of the plurality of locations being selected in the electronic document, sending the foil coordinates of the first location to the opto-touch foil to cause blinking of light at a first position upon the opto-touch foil corresponding to where the first location appears in the physical document.

22. (Currently amended) The method of claim ~~[[5]]~~ 19, wherein the opto-foil comprises a touch foil and a transparent light emitting foil such that the touch foil is adapted to being directly touched or pressed and the light emitting foil is disposed between the touch foil and the physical document further comprising storing an address of a second electronic document in the table.

23. (Currently amended) The electronic document of claim ~~11~~ 22, wherein the encoded absolute coordinates identify a location, on an opto-touch foil aligned on the physical document, associated with the reference item address of the second electronic document is a Uniform Resource Locator address of a web server hosting the second electronic document.

24. (Currently amended) The method of claim ~~23~~ 18, wherein the opto-foil comprises a touch foil and a transparent light emitting foil such that the touch foil is adapted to being directly touched or pressed and the light emitting foil is disposed between the touch foil and the physical document.

25. (Currently amended) The method of claim 24 18, further including the step of: wherein the
opto-foil comprises a touch foil and a transparent light emitting foil such that the touch foil is
adapted to being directly touch or pressed and the light emitting foil is disposed between the
touch foil and the physical document

responsive to the opto-touch foil being pressed or touched at a first position
corresponding to where a first location of the plurality of locations appears in the physical
document, causing a blinking of light at the first position and highlighting the first location in the
electronic document.

26-30. (Canceled)

31. (New) An apparatus for locating items appearing on a physical document, comprising:

means for calibrating an opto-touch foil that is aligned on the physical document, said
means for calibrating comprising means for processing a calibration location comprised by a
plurality of locations appearing in the physical document and being referred to in an electronic
document, said electronic document not being derived from the physical document, each location
of the plurality of locations having geographical coordinates, said means for processing adapted
to generate a calibration relationship between the geographic coordinates of the calibration
location and calibration foil coordinates of the opto-touch foil, said calibration foil coordinates
corresponding to where the calibration location appears in the physical document; and

means for computing foil coordinates of the opto-touch foil, for each location of the
plurality of locations, corresponding to where each location appears in the physical document,

said means for computing utilizing the geographic coordinates of each location and the calibration relationship.

32. (New) The apparatus of claim 31, further comprising a table that stores, for each location of the plurality of locations, an identifier of each location, the geographic coordinates of each location, and the foil coordinate of each location.

33. (New) The apparatus of claim 32, wherein the table further stores an address of a second electronic document in the table.

34. (New) The electronic document of claim 33, wherein the address of the second electronic document is a Uniform Resource Locator address of a web server hosting the second electronic document.

35. (New) The apparatus of claim 31, further comprising:

means for sending the computed foil coordinates to the opto-touch foil to cause illumination of positions upon the opto-touch foil corresponding to where each location of the plurality of locations appears in the physical document.

36. (New) The apparatus of claim 31, further comprising:

means for sending foil coordinates of a first location of the plurality of locations to the opto-touch foil to cause blinking of light at a first position upon the opto-touch foil

corresponding to where the first location appears in the physical document,

said means for sending responsive to the first location being selected in the electronic document.

37. (New) The apparatus of claim 31, wherein the opto-foil comprises a touch foil and a transparent light emitting foil such that the touch foil is adapted to being directly touched or pressed and the light emitting foil is disposed between the touch foil and the physical document.

38. (New) The apparatus of claim 31, further comprising:

means for causing a blinking of light at a first position corresponding to where a first location of the plurality of locations appears in the physical document; and

means for highlighting the first location in the electronic document,

said means for sending and said means for highlighting responsive to the opto-touch foil being pressed or touched at the first position.